

Historic, archived document

Do not assume content reflects current scientific knowledge, policies, or practices.

1
An5Dp
Reserve

'43

UNITED STATES
DEPARTMENT OF AGRICULTURE
LIBRARY



BOOK NUMBER

1

An5Dp

Reserve

351357

DAIRY DIVISION.

Experimental Exports of Butter in 1897. (Bu. Rpt., 1898.)

Experimental Exports of Dairy Products 1898 and 1899. (Bu. Rpt., 1899.)
 Market Milk: A Plan for Its Improvement. (Bu. Rpt., 1900.)
 Statistics of Oleomargarine, Oleo Oil, and Filled Cheese. (Bu. Rpt., 1899.)
 The Dairy Industry and Dairy Markets in Porto Rico, etc. (Bu. Rpt., 1901.)
 Feeding Fat into Milk. (Bu. Rpt., 1902.)
 The Duration of the Life of the Tubercle Bacillus in Cheese. (Bu. Rpt., 1902.)
 Statistics of Oleomargarine, Oleo Oil, and Filled Cheese, 1900 to 1902. (Bu. Rpt., 1902.)

REPRINTS, YEARBOOK OF U. S. DEPARTMENT OF AGRICULTURE.

Dairy Development in the United States. (Yearbook, 1899.)
 Dairy Products at the Paris Exposition. (Yearbook, 1900.)
 Dairying at Home and Abroad. (Yearbook, 1902.)

FARMERS' BULLETINS.

Number.

- 42. Facts about Milk.
- 55. The Dairy Herd: Its Formation and Management.
- 63. Care of Milk on the Farm.
- 106. Breeds of Dairy Cattle.
- 151. Dairying in the South.
- 166. Cheese Making on the Farm.
- 201. The Cream Separator on Western Farms.

OTHER PUBLICATIONS RELATED TO THE DAIRY INDUSTRY.

- F. B. No. 22. Feeding of Farm Animals. (Revision, 1901.)
- F. B. No. 29. The Souring of Milk.
- F. B. No. 32. Silos and Silage. (Revision of 1903.)
- F. B. No. 131. Household Tests for the Detection of Oleomargarine and Renovated Butter.
- F. B. No. 143. Conformation of Beef and Dairy Cattle.
- F. B. No. 215. Alfalfa Growing.
- Div. Statistics Bul. No. 25. Milk Transportation.
- O. E. S. Bul. No. 25. Dairy Bacteriology.
- B. A. I. Bul. No. 44. Infectiveness of Milk of Cows which have Reacted to the Tuberculin Test.
- B. A. I. Bul. No. 68. Information Concerning the Milch Goat.
- B. A. I. Cir. No. 45. Milk Fever: Its Simple and Successful Treatment.
- B. A. I. Cir. No. 76. Dairy Feeding in Europe.

○

AGU
 SU

United States Department of Agriculture,

BUREAU OF ANIMAL INDUSTRY,

DAIRY DIVISION.

PUBLICATIONS OF INTEREST TO DAIRYMEN.

Application for publications for which a price is shown should be made to the Superintendent of Documents, Government Printing Office, Washington, D. C., to whom remittances should be directed. Stamps and personal checks will not be accepted.

Publications for which no price is given are for free distribution and may be obtained on application to the Dairy Division, Bureau of Animal Industry, Department of Agriculture, Washington, D. C.

DAIRY DIVISION PUBLICATIONS, 1895-1905.

B. A. I. BULLETINS.

Number.

11. Statistics of the Dairy. (Compiled from the United States Census for 1890 and from other reliable sources, with explanatory notes.)
18. The Dairy Industry of Missouri and Kansas.
20. The Milk Supply of Boston and Other New England Cities. Price 10 cents.
24. Notes upon Dairying in California and the Export of California Butter to the Orient. Price 5 cents.
26. National and State Dairy Laws. (Laws to 1899.) Price 10 cents.
46. The Milk Supply of Two Hundred Cities and Towns. Price 15 cents.
49. The Cold Curing of Cheese. Price 10 cents.
55. Statistics of the Dairy. (Compiled from the United States Census for 1900 and from other reliable sources, with explanatory notes.) Price 10 cents.
57. Studies upon the Keeping Quality of Butter. I. Canned Butter. Price 5 cents.
58. The Fat Testing of Cream by the Babcock Method. Price 5 cents.
59. The Farm Separator: Its Relation to the Creamery and to the Creamery Patron. Price 5 cents.
62. The Relation of Bacteria to the Flavors of Cheddar Cheese. Price 5 cents.
70. The Milk Supply of Twenty-nine Southern Cities. Price 5 cents.
71. The Camembert Type of Soft Cheese in the United States. Price 5 cents.
73. The Bacteria of Pasteurized and Unpasteurized Milk. Price 5 cents.
75. Records of Dairy Cows in the United States. Price 15 cents.
81. The Milk Supply of Boston, New York, and Philadelphia. Price 5 cents.

B. A. I. CIRCULARS.

Number.

11. How to Select Good Cheese.
24. Colored Spots in Cheese.
39. Water Content of Creamery Butter.
48. Scales of Points for Judging Cattle of Dairy Breeds.
56. Facts concerning the History, Commerce, and Manufacture of Butter.
74. United States and State Standards for Dairy Products, 1905.
80. Officials, Associations, and Educational Institutions Connected with the Dairy Interests of the United States for 1905.
90. Suggestions for the Construction of a Modern Dairy Barn.

REPRINTS, B. A. I. ANNUAL REPORTS.

- Creameries: Organization, Equipment, and Management. (Bu. Rpt., 1895-96.)
 National and State Dairy Laws. (Bu. Rpt., 1897.)
 Experimental Exports of Butter in 1897. (Bu. Rpt., 1898.)
 Experimental Exports of Dairy Products, 1898 and 1899. (Bu. Rpt., 1899.)
 Market Milk: A Plan for Its Improvement. (Bu. Rpt., 1900.)
 Statistics of Oleomargarine, Oleo Oil, and Filled Cheese. (Bu. Rpt., 1899.)
 The Dairy Industry and Dairy Markets in Porto Rico, etc. (Bu. Rpt., 1901.)
 Feeding Fat into Milk. (Bu. Rpt., 1902.)
 The Duration of the Life of the Tubercle Bacillus in Cheese. (Bu. Rpt., 1902.)
 Statistics of Oleomargarine, Oleo Oil, and Filled Cheese, 1900 to 1902. (Bu. Rpt., 1902.)

REPRINTS, YEARBOOK OF U. S. DEPARTMENT OF AGRICULTURE.

Number.

167. Dairy Development in the United States. (Yearbook, 1899.)
 199. Dairy Products at the Paris Exposition. (Yearbook, 1900.)
 260. Dairying at Home and Abroad. (Yearbook, 1902.)

FARMERS' BULLETINS.

Number.

42. Facts about Milk.
 55. The Dairy Herd: Its Formation and Management.
 63. Care of Milk on the Farm.
 74. Milk as Food.
 106. Breeds of Dairy Cattle.
 151. Dairying in the South.
 166. Cheese Making on the Farm.
 201. The Cream Separator on Western Farms.
 241. Butter Making on the Farm.

OTHER PUBLICATIONS RELATING TO THE DAIRY INDUSTRY.

- F. B. No. 22. Feeding of Farm Animals. (Revision, 1901.)
 F. B. No. 29. The Souring of Milk.
 F. B. No. 32. Silos and Silage. (Revision, 1903.)
 F. B. No. 131. Household Tests for the Detection of Oleomargarine and Renovated Butter.
 F. B. No. 143. Conformation of Beef and Dairy Cattle.
 F. B. No. 215. Alfalfa Growing.
 F. B. No. 235. Cement, Mortar, and Concrete for Farm Purposes.
 Div. Statistics Bul. No. 25. Milk Transportation.
 O. E. S. Bul. No. 25. Dairy Bacteriology. Price 5 cents.
 B. A. I. Bul. No. 44. Infectiveness of Milk of Cows which have Reacted to the Tuberculin Test. Price 10 cents.
 B. A. I. Bul. No. 68. Information Concerning the Milch Goats. Price 15 cents.
 B. A. I. Cir. No. 45. Milk Fever: Its Simple and Successful Treatment.
 B. A. I. Cir. No. 76. Dairy Methods in Great Britain, Ireland, Denmark, Holland, Channel Islands, France, Austria-Hungary, Germany, and Switzerland.

United States Department of Agriculture,

BUREAU OF ANIMAL INDUSTRY,

DAIRY DIVISION.

PUBLICATIONS OF INTEREST TO DAIRYMEN.

Application for publications for which a price is shown should be made to the Superintendent of Documents, Government Printing Office, Washington, D. C., to whom remittances should be directed. Stamps and personal checks will not be accepted.

Publications for which no price is given are for free distribution and may be obtained on application to the Dairy Division, Bureau of Animal Industry, Department of Agriculture, Washington, D. C.

DAIRY DIVISION PUBLICATIONS, 1895-1906.

B. A. I. BULLETINS.

Number.

11. Statistics of the Dairy. (Compiled from the United States Census for 1890 and from other reliable sources, with explanatory notes.)
18. The Dairy Industry of Missouri and Kansas.
20. The Milk Supply of Boston and other New England Cities. Price 10 cents.
24. Notes upon Dairying in California and the Export of California Butter to the Orient. Price 5 cents.
26. National and State Dairy Laws. (Laws to 1899.) Price 10 cents.
46. The Milk Supply of Two Hundred Cities and Towns. Price 15 cents.
49. The Cold Curing of Cheese. Price 10 cents.
55. Statistics of the Dairy. (Compiled from the United States Census for 1900 and from other reliable sources, with explanatory notes.) Price 10 cents.
57. Studies upon the Keeping Quality of Butter. I. Canned Butter. Price 5 cents.
58. The Fat Testing of Cream by the Babcock Method. Price 5 cents.
59. The Farm Separator: Its Relation to the Creamery and to the Creamery Patron. Price 5 cents.
62. The Relation of Bacteria to the Flavors of Cheddar Cheese. Price 5 cents.
70. The Milk Supply of Twenty-nine Southern Cities. Price 5 cents.
71. The Camembert Type of Soft Cheese in the United States. Price 5 cents.
73. The Bacteria of Pasteurized and Unpasteurized Milk. Price 5 cents.
75. Records of Dairy Cows in the United States. Price 15 cents.
81. The Milk Supply of Boston, New York, and Philadelphia. Price 5 cents.
82. Fungi in Cheese Ripening: Camembert and Roquefort. Price 5 cents.
83. The Cold Storage of Cheese. (Experiments of 1903-4.) Price 10 cents.
84. Investigations in the Manufacture and Storage of Butter. I. The Keeping Qualities of Butter made under Different Conditions and Stored at Different Temperatures. Price 10 cents.
85. Investigations in the Manufacture and Curing of Cheese. VI. The Cold Curing of American Cheese, with a Digest of Previous Work on the Subject. Price 10 cents.

B. A. I. CIRCULARS.

39. Water Content of Creamery Butter.
48. Scales of Points for Judging Cattle of Dairy Breeds.
56. Facts Concerning the History, Commerce, and Manufacture of Butter.
74. United States and State Standards for Dairy Products, 1905.

Number.

80. Officials, Associations, and Educational Institutions Connected with the Dairy Interests of the United States for 1905.

90. Suggestions for the Construction of a Modern Dairy Barn.

REPRINTS, B. A. I. ANNUAL REPORTS.

Creameries: Organization, Equipment, and Management. (Bu. Rpt., 1895-96.)

National and State Dairy Laws. (Bu. Rpt., 1897.)

Experimental Exports of Butter in 1897. (Bu. Rpt., 1898.)

Experimental Exports of Dairy Products, 1898 and 1899. (Bu. Rpt., 1899.)

Market Milk: A Plan for Its Improvement. (Bu. Rpt., 1900.)

Statistics of Oleomargarine, Oleo Oil, and Filled Cheese. (Bu. Rpt., 1899.)

The Dairy Industry and Dairy Markets in Porto Rico, etc. (Bu. Rpt., 1901.)

Feeding Fat into Milk. (Bu. Rpt., 1902.)

The Duration of the Life of the Tubercle Bacillus in Cheese. (Bu. Rpt., 1902.)

Statistics of Oleomargarine, Oleo Oil, and Filled Cheese, 1900 to 1902. (Bu. Rpt., 1902.)

REPRINTS, YEARBOOK OF U. S. DEPARTMENT OF AGRICULTURE.

Number.

94. Utilization of By-products of the Dairy. (Yearbook, 1897.)

167. Dairy Development in the United States. (Yearbook, 1899.)

199. Dairy Products at the Paris Exposition. (Yearbook, 1900.)

260. Dairying at Home and Abroad. (Yearbook, 1902.)

390. Renovated Butter: Its Origin and History. (Yearbook, 1905.)

FARMERS' BULLETINS.

Number.

42. Facts about Milk.

55. The Dairy Herd: Its Formation and Management.

63. Care of Milk on the Farm.

74. Milk as Food.

106. Breeds of Dairy Cattle.

151. Dairying in the South.

166. Cheese Making on the Farm.

201. The Cream Separator on Western Farms.

241. Butter Making on the Farm.

OTHER PUBLICATIONS RELATING TO THE DAIRY INDUSTRY.

F. B. No. 22. Feeding of Farm Animals. (Revision, 1901.)

F. B. No. 29. The Souring of Milk.

F. B. No. 32. Silos and Silage. (Revision, 1903.)

F. B. No. 131. Household Tests for the Detection of Oleomargarine and Renovated Butter.

F. B. No. 143. Conformation of Beef and Dairy Cattle.

F. B. No. 215. Alfalfa Growing.

F. B. No. 235. Cement Mortar, and Concrete for Farm Purposes.

F. B. No. 206. Milk Fever: Its Simple and Successful Treatment.

F. B. No. 258. Texas or Tick Fever and its Prevention.

Div. Statistics Bul. No. 25. Milk Transportation.

O. E. S. Bul. No. 25. Dairy Bacteriology. Price 5 cents.

B. A. I. Bul. No. 44. Infectiveness of Milk of Cows which have Reacted to the Tuberculin Test. Price 10 cents.

B. A. I. Bul. No. 68. Information Concerning the Milch Goats. Price 15 cents.

B. A. I. Cir. No. 76. Dairy Methods in Great Britain, Ireland, Denmark, Holland, Channel Islands, France, Austria-Hungary, Germany, and Switzerland.

Issued March 18, 1907.

United States Department of Agriculture,
BUREAU OF ANIMAL INDUSTRY,
DAIRY DIVISION.

PUBLICATIONS OF INTEREST TO DAIRYMEN.

Application for publications for which a price is shown should be made to the Superintendent of Documents, Government Printing Office, Washington, D. C., to whom remittances should be directed. Stamps and personal checks will not be accepted.

Publications for which no price is given are for free distribution and may be obtained on application to the Dairy Division, Bureau of Animal Industry, Department of Agriculture, Washington D. C.

DAIRY DIVISION PUBLICATIONS, 1895-1907.

B. A. I. BULLETINS.

Number.

11. Statistics of the Dairy. (Compiled from the United States Census for 1890 and from other reliable sources, with explanatory notes.) Price 5 cents.
18. The Dairy Industry of Missouri and Kansas. Price 5 cents.
20. The Milk Supply of Boston and Other New England Cities. Price 10 cents.
24. Notes upon Dairying in California and the Export of California Butter to the Orient. Price 5 cents.
26. National and State Dairy Laws. (Laws to 1899.) Price 10 cents.
46. The Milk Supply of Two Hundred Cities and Towns. Price 15 cents.
49. The Cold Curing of Cheese. Price 10 cents.
55. Statistics of the Dairy. (Compiled from the United States Census for 1900 and from other reliable sources, with explanatory notes.) Price 10 cents.
57. Studies upon the Keeping Quality of Butter. I. Canned Butter. Price 5 cents.
58. The Fat Testing of Cream by the Babcock Method. Price 5 cents.
59. The Farm Separator: Its Relation to the Creamery and to the Creamery Patron. Price 5 cents.
62. The Relation of Bacteria to the Flavors of Cheddar Cheese. Price 5 cents.
70. The Milk Supply of Twenty-nine Southern Cities. Price 5 cents.
71. The Camembert Type of Soft Cheese in the United States. Price 5 cents.
73. The Bacteria of Pasteurized and Unpasteurized Milk. Price 5 cents.
75. Records of Dairy Cows in the United States. Price 15 cents.
81. The Milk Supply of Boston, New York, and Philadelphia. Price 5 cents.
82. Fungi in Cheese Ripening: Camembert and Roquefort. Price 5 cents.
83. The Cold Storage of Cheese. (Experiments of 1903-4.) Price 10 cents.
84. Investigations in the Manufacture and Storage of Butter. I. The Keeping Qualities of Butter Made under Different Conditions and Stored at Different Temperatures. Price 10 cents.
85. Investigations in the Manufacture and Curing of Cheese. VI. The Cold Curing of American Cheese, with a Digest of Previous Work on the Subject. Price 10 cents.
87. Market Milk Investigations. II. The Milk and Cream Exhibit at the National Dairy Show, 1906. Price 10 cents.

Number.

89. Investigations in the Manufacture and Storage of Butter. II. Preventing Molds in Butter Tubs. Price 5 cents.
92. The Milking Machine as a Factor in Dairying. Price 15 cents.

B. A. I. CIRCULARS.

Number.

1. Directions for the Pasteurization of Milk [for Children].
39. Water Content of Creamery Butter.
48. Scales of points for Judging Cattle of Dairy Breeds.
56. Facts Concerning the History, Commerce, and Manufacture of Butter.
74. United States and State Standards for Dairy Products, 1905.
90. Suggestions for the Construction of a Modern Dairy Barn.
99. Officials, Associations, and Educational Institutions Connected with the Dairy Interests of the United States for 1906.
100. A Rapid Method for the Determination of Water in Butter.

REPRINTS, B. A. I. ANNUAL REPORTS.

- Creameries: Organization, Equipment, and Management. (Bu. Rpt., 1895-96.)
National and State Dairy Laws. (Bu. Rpt., 1897.)
Experimental Exports of Butter in 1897. (Bu. Rpt., 1898.)
Experimental Exports of Dairy Products, 1898 and 1899. (Bu. Rpt., 1899.)
Market Milk: A Plan for Its Improvement. (Bu. Rpt., 1900.)
Statistics of Oleomargarine, Oleo Oil, and Filled Cheese. (Bu. Rpt., 1899.)
The Dairy Industry and Dairy Markets in Porto Rico, etc. (Bu. Rpt., 1901.)
Feeding Fat into Milk. (Bu. Rpt., 1902.)
The Duration of the Life of the Tubercle Bacillus in Cheese. (Bu. Rpt., 1902.)
Statistics of Oleomargarine, Oleo Oil, and Filled Cheese, 1900 to 1902. (Bu. Rpt., 1902.)

REPRINTS, YEARBOOK OF U. S. DEPARTMENT OF AGRICULTURE.

Number.

94. Utilization of By-Products of the Dairy. (Yearbook, 1897.)
167. Dairy Development in the United States. (Yearbook, 1899.)
199. Dairy Products at the Paris Exposition. (Yearbook, 1900.)
260. Dairying at Home and Abroad. (Yearbook, 1902.)
390. Renovated Butter: Its Origin and History. (Yearbook, 1905.)

FARMERS' BULLETINS.

Number.

42. Facts about Milk.
55. The Dairy Herd: Its Formation and Management.
63. Care of Milk on the Farm.
106. Breeds of Dairy Cattle.
151. Dairying in the South.
166. Cheese Making on the Farm.
201. The Cream Separator on Western Farms.
241. Butter Making on the Farm.

OTHER PUBLICATIONS RELATING TO THE DAIRY INDUSTRY

- An Outline of the Work of the Dairy Division.
F. B. No. 22. Feeding of Farm Animals. (Revision, 1901.)
F. B. No. 29. The Souring of Milk.
F. B. No. 32. Silos and Silage. (Revision, 1903.)
F. B. No. 74. Milk as Food.

- F. B. No. 131. Household Tests for the Detection of Oleomargarine and Renovated Butter.
- F. B. No. 143. Conformation of Beef and Dairy Cattle.
- F. B. No. 215. Alfalfa Growing.
- F. B. No. 235. Cement Mortar and Concrete for Farm Purposes.
- F. B. No. 206. Milk Fever: Its Simple and Successful Treatment.
- F. B. No. 258. Texas or Tick Fever and Its Prevention.
- F. B. No. 261. The Cattle Tick in Its Relation to Southern Agriculture.
- F. B. No. 267. Effect of Silage on Milk.
- F. B. No. 280. A Profitable Tenant Dairy Farm.
- B. A. I. Bul. No. 38. Tuberculosis of the Food-Producing Animals. Price 40 cents.
- B. A. I. Bul. No. 44. Infectiveness of Milk of Cows which have Reacted to the Tuberculin Test. Price 10 cents.
- B. A. I. Bul. No. 68. Information Concerning the Milch Goats. Price 15 cents.
- B. A. I. Bul. No. 77. Cattle, Sheep, and Hog Feeding in Europe. Price 5 cents.
- B. A. I. Bul. No. 78. Texas Fever (Otherwise Known as Tick Fever, Splenetic Fever, or Southern Cattle Fever), with Methods for Its Prevention. Price 10 cents.
- B. A. I. Bul. No. 86. Experiments with Milk Artificially Infected with Tubercle Bacilli. Price 10 cents.
- B. A. I. Bul. No. 93. Relation of Tuberculous Lesions to the Mode of Infection. Price 5 cents.
- B. A. I. Cir. No. 76. Dairy Methods in Great Britain, Ireland, Denmark, Holland, Channel Islands, France, Austria-Hungary, Germany, and Switzerland.
- B. A. I. Cir. No. 97. How to Get Rid of Cattle Ticks.
- Div. Statistics Bul. No. 25. Milk Transportation. Price 5 cents.
- O. E. S. Bul. No. 25. Dairy Bacteriology. Price 5 cents.
- O. E. S. Bul. No. 166. Course in Cheesemaking for Movable Schools of Agriculture. Price 10 cents.
- Bu. of Chem. Cir. No. 19 (revised). Methods for the Detection of Renovated Butter.
- Bu. of Chem. Cir. No. 25. Coloring Matters for Foodstuffs and Methods for Their Detection.
- B. P. I. Bul. No. 102, Part 2. A Successful Dairy Farm. Price 5 cents.
- Office of the Secretary Cir. No. 19. Standards of Purity for Food Products.
- Office of the Secretary Cir. No. 21. Rules and Regulations for the Enforcement of the Food and Drugs Act.

Issued September 30, 1907.

United States Department of Agriculture,

BUREAU OF ANIMAL INDUSTRY.

DAIRY DIVISION.

PUBLICATIONS OF INTEREST TO DAIRYMEN.

Application for publications for which a price is shown should be made to the Superintendent of Documents, Government Printing Office, Washington, D. C., to whom remittances should be directed. Stamps and personal checks will not be accepted.

Publications for which no price is given are for free distribution and may be obtained on application to the Dairy Division, Bureau of Animal Industry, Department of Agriculture, Washington, D. C.

BUTTER.

Bureau of Animal Industry Bulletins.

- 57. Studies Upon the Keeping Quality of Butter. I. Canned Butter. Price 5 cents.
- 58. The Fat Testing of Cream by the Babcock Method. Price 5 cents.
- 59. The Farm Separator: Its Relation to the Creamery and the Creamery Patron. Price 5 cents.
- 84. Investigations in the Manufacture and Storage of Butter. I. The Keeping Qualities of Butter Made Under Different Conditions and Stored at Different Temperatures. Price 10 cents.
- 89. Investigations in the Manufacture and Storage of Butter. II. Preventing Molds in Butter Tubs. Price 5 cents.

Bureau of Animal Industry Circulars.

- 39. Water Content of Creamery Butter.
- 56. Facts Concerning the History, Commerce, and Manufacture of Butter.
- 100. A Rapid Method for the Determination of Water in Butter.

Reprint, Bureau of Animal Industry Annual Report.

Creameries: Organization, Equipment, and Management. (From Twelfth and Thirteenth Annual Reports, 1895-96.)

Farmers' Bulletins.

- 201. The Cream Separator on Western Farms.
- 241. Butter Making on the Farm.

MARKET MILK.

Bureau of Animal Industry Bulletins.

- 44. Infectiveness of Milk of Cows Which have Reacted to the Tuberculin Test. Price 10 cents.
- 46. The Milk Supply of Two Hundred Cities and Towns. Price 15 cents.
- 70. The Milk Supply of Twenty-nine Southern Cities. Price 5 cents.
- 73. The Bacteria of Pasteurized and Unpasteurized Milk Under Laboratory Conditions. Price 5 cents.

81. The Milk Supply of Boston, New York, and Philadelphia. Price 5 cents.
 86. Experiments with Milk Artificially Infected with Tubercle Bacilli. Price 10 cents.
 87. Market Milk Investigations. II. The Milk and Cream Exhibit at the National Dairy Show, 1906. Price 10 cents.
 92. The Milking Machine as a Factor in Dairying. Price 15 cents.

Bureau of Animal Industry Circulars.

1. Directions for the Pasteurization of Milk [for children].
 103. Records of Dairy Cows: Their Value and Importance in Economic Milk Production.
 111. Sanitary Relations of the Milk Supply. Report of the committee on sanitary relations to a conference appointed by the Commissioners of the District of Columbia to consider and report upon the local milk supply.
 114. Sanitary Milk Production. Report of the milk conference appointed by the Commissioners of the District of Columbia.
 117- *A city milk & cream contest.*
Reprint, Bureau of Animal Industry Annual Report.

Market Milk: A Plan for Its Improvement. (From Seventeenth Annual Report, 1900.)

Farmers' Bulletins, Etc.

- 29. Souring of Milk.
 - 42. Facts About Milk.
 - 63. Care of Milk on the Farm.
 74. Milk as Food.
 281. Experiment Station Work, XL.—Some milk terms.
 Div. of Statistics Bul. 25. Milk Transportation. Price 5 cents.

CHEESE.

Bureau of Animal Industry Bulletins.

49. The Cold Curing of Cheese. Price 10 cents.
 62. The Relation of Bacteria to the Flavors of Cheddar Cheese. Price 5 cents.
 71. The Camembert Type of Soft Cheese in the United States. Price 5 cents.
 82. Fungi in Cheese Ripening: Camembert and Roquefort. Price 5 cents.
 83. The Cold Storage of Cheese. Experiments of 1903-4. Price 10 cents.
 85. Investigations in the Manufacture and Curing of Cheese. VI. The Cold Curing of American Cheese, with a Digest of Previous Work on the Subject. Price 10 cents.
 98. Investigations in the Manufacture and Curing of Cheese. VII. Directions for Making the Camembert Type of Cheese. Price 5 cents.

Reprint, Bureau of Animal Industry Annual Report.

The Duration of the Life of the Tubercle Bacillus in Cheese. (From Nineteenth Annual Report, 1902.)

Farmers' Bulletins, Etc.

166. Cheese Making on the Farm.
 202. Experiment Station Work, XXVI.—Manufacture of Sage Cheese. Manufacture of Cottage Cheese.
 Office of Experiment Stations Bul. 166. Course in Cheese Making for Movab' Schools of Agriculture. Price 10 cents.

DAIRY STATISTICS.

Bureau of Animal Industry Bulletins.

11. Statistics of the Dairy. Compiled from the United States census for 1890 and from other reliable sources, with explanatory notes. Price 5 cents.
55. Statistics of the Dairy. Compiled from the United States census of 1900 and from other reliable sources, with explanatory notes. Price 5 cents.
75. Records of Dairy Cows in the United States. Price 15 cents.

Reprints, Bureau of Animal Industry Annual Reports.

- Statistics of Oleomargarine, Oleo Oil, and Filled Cheese. (From Sixteenth Annual Report, 1900.)
- Statistics of Oleomargarine, Oleo Oil, and Filled Cheese, 1900 to 1902. (From Nineteenth Annual Report, 1902.)

DAIRY LAWS AND REGULATIONS.

Bureau of Animal Industry Bulletin.

26. National and State Dairy Laws. [Laws to 1899.] Price 10 cents.

Circulars.

- Bureau of Animal Industry Cir. 74. United States and State Standards for Dairy Products.
- Office of the Secretary Cir. 19. Standards of Purity for Food Products.
- Office of the Secretary Cir. 21. Rules and Regulations for the Enforcement of the Food and Drugs Act.

Reprint, Bureau of Animal Industry Annual Report.

- National and State Dairy Laws. (From Fourteenth Annual Report, 1897.)

DAIRY EXPORTS.

Bureau of Animal Industry Bulletin.

24. Notes Upon Dairying in California and the Export of California Butter to the Orient. Price 5 cents.

Reprints, Bureau of Animal Industry Annual Reports.

- Experimental Exports of Butter in 1897. (From Fifteenth Annual Report, 1898.)
- Experimental Exports of Dairy Products, 1898 and 1899. (From Sixteenth Annual Report, 1899.)

Reprint, Yearbook of U. S. Department of Agriculture.

199. Dairy Products at the Paris Exposition. (From Yearbook, 1900.)

FEEDING.

Bureau of Animal Industry Bulletin.

77. Cattle, Sheep, and Hog Feeding in Europe. Price 5 cents.

Bureau of Animal Industry Circulars.

75. Feeding Fat Into Milk; or The Effect of Food Upon the Quality and Quantity of Milk Produced.
76. Dairy Methods in Great Britain, Ireland, Denmark, Holland, Channel Islands, France, Austria-Hungary, Germany, and Switzerland.

Farmers' Bulletins.

- 22. Feeding Farm Animals.
- 32. Silos and Silage.
- 202. Experiment Station Work, XXVI.—Protein for Dairy Cows.
- 215. Alfalfa Growing.
- 267. Experiment Station Work, XXXVII.—Effect of Silage on Milk.

BREEDING.*Bureau of Animal Industry Circulars.*

- 48. Scales of Points for Judging Cattle of Dairy Breeds.
- 77. Animal Breeding and Feeding Investigations by the Bureau of Animal Industry.

Farmers' Bulletins.

- 55. The Dairy Herd: Its Formation and Management.
- 106. Breeds of Dairy Cattle.
- 143. Conformation of Beef and Dairy Cattle.
- 202. Experiment Station Work, XXVI.—Cost of Raising Calves and Pigs.

CONSTRUCTION OF BUILDINGS.*Bureau of Animal Industry Circular.*

- 90. Suggestions for the Construction of a Modern Dairy Barn.

Farmers' Bulletins.

- 32. Silos and Silage.
- 235. Cement Mortar and Concrete for Farm Purposes.

DISEASES.**TUBERCULOSIS.***Bureau of Animal Industry Bulletins.*

- 38. Tuberculosis of the Food-Producing Animals. Price 40 cents.
- 52. Experiments Concerning Tuberculosis, under the Supervision of the Bio-chemic Division. Part II. The Comparative Virulence of Human and Bovine Tubercle Bacilli for Some Large Animals. Price 65 cents. Part III. Studies in Immunity from Tuberculosis, and the Persistence of Tubercle Bacilli in Tissues of Animals after Injection. Price 5 cents.
- 53. Reports on Bovine Tuberculosis and Public Health. Price 5 cents.
- 93. The Relation of Tuberculosis Lesions to the Mode of Infection. Price 5 cents.
- 96. A Comparative Study of Tubercle Bacilli from Varied Sources. Price 40 cents.
- 99. The Danger from Tubercle Bacilli in the Environment of Tuberculous Cattle. Price 5 cents.

Bureau of Animal Industry Circulars.

- 60. Certain Variations in the Morphology of Tubercle Bacilli of Bovine Origin.
- 70. Tuberculosis of Cattle.
- 79. The Tuberculin Test for Tuberculosis.
- 83. Danger of Infection with Tuberculosis by Different Kinds of Exposure.

TEXAS OR TICK FEVER.

Bureau of Animal Industry Bulletins.

- 78. Texas Fever (otherwise known as Tick Fever, Splenetic Fever, or Southern Cattle Fever), with Methods for Its Prevention. Price 10 cents.
- 97. Proceedings of a Conference of Federal and State Representatives to consider Plans for the Eradication of the Cattle Tick, held at Nashville, Tenn., December 5 and 6, 1906. Price 15 cents.

Bureau of Animal Industry Circulars.

- 69. Texas Fever, or Southern Cattle Fever.
- 97. How to Get Rid of Cattle Ticks.
- 98. Some Unusual Host Relations of the Texas Fever Tick.
- 110. Methods of Eradicating Cattle Ticks.

Farmers' Bulletins.

- 258. Texas or Tick Fever and Its Prevention.
- 261. The Cattle Tick in Its Relation to Southern Agriculture.

MISCELLANEOUS DISEASES.

Bureau of Animal Industry Circulars.

- 67. Abortion, or Slinking the Calf.
- 71. Anthrax in Cattle, Horses, and Men.
- 96. Actinomycosis, or Lumpy Jaw.

Farmers' Bulletin.

- 206. Milk Fever: Its Simple and Successful Treatment.

GENERAL.

Bureau of Animal Industry Bulletins.

- 18. The Dairy Industry of Missouri and Kansas. Price 5 cents.
- 68. Information Concerning the Milch Goats. Price 15 cents.

Bureau of Animal Industry Circular.

- 115. Officials, Associations, Commissions, and Educational Institutions Connected with the Dairy Interests of the United States for the Year 1907.

Reprint, Bureau of Animal Industry Annual Report.

- 197. The Dairy Industry and Dairy Markets in Porto Rico, with Notes on St. Thomas and Cuba. (From Eighteenth Annual Report, 1901.)

Reprints, Yearbook of U. S. Department of Agriculture.

- 97. Utilization of By-products of the Dairy. (Yearbook, 1897.)
- 167. Dairy Development in the United States. (Yearbook, 1899.)
- 260. Dairying at Home and Abroad. (Yearbook, 1902.)
- 390. Renovated Butter: Its Origin and History. (Yearbook, 1905.)
- 428. Distribution of Tuberculin and Mallein by the Bureau of Animal Industry. (Yearbook, 1906.)
- 432. Opportunities for Dairying. (Yearbook, 1906.)

Farmers' Bulletins.

- 131. Household Tests for the Detection of Oleomargarine and Renovated Butter.
- 151. Dairying in the South.

- 242. An Example of Modern Farming.
- 280. A Profitable Tenant Dairy Farm.
- 292. Cost of Filling Silos.

Miscellaneous.

- Bureau of Plant Industry Bul. 102, part 2. A Successful Dairy Farm. Price 5 cents.
- Office of Experiment Stations Bul. 25. Dairy Bacteriology. Price 5 cents.
- Bureau of Chemistry Cir. 25. Coloring Matters for Foodstuffs and Methods for Their Detection.
- Bureau of Chemistry Cir. 19. Methods for the Detection of Renovated Butter. An Outline of the Work of the Dairy Division.

O

United States Department of Agriculture,

BUREAU OF ANIMAL INDUSTRY,

DAIRY DIVISION.

PUBLICATIONS OF INTEREST TO DAIRYMEN.

The free distribution of the bulletins for which a price is shown is limited to libraries, educational institutions, the press, State and foreign officials connected with agriculture, exchanges, and persons who are rendering tangible service to the Department either by active cooperation in its work or as special correspondents. Other persons desiring these bulletins are expected to purchase them from the Superintendent of Documents, Government Printing Office, Washington, D. C., to whom remittances should be sent. Publications marked with a star (*) can be obtained from the Superintendent of Documents only.

Publications for which no price is given are for free distribution and may be obtained on application to the Dairy Division, Bureau of Animal Industry, Department of Agriculture, Washington, D. C.

BUTTER.

Bureau of Animal Industry Bulletins.

- 57. Studies Upon the Keeping Quality of Butter. I. Canned Butter. Price 5 cents.
- 58. The Fat Testing of Cream by the Babcock Method. Price 5 cents.
- 59. The Farm Separator: Its Relation to the Creamery and the Creamery Patron. Price 5 cents.
- 84. Investigations in the Manufacture and Storage of Butter. I. The Keeping Qualities of Butter Made Under Different Conditions and Stored at Different Temperatures. Price 10 cents.

Bureau of Animal Industry Circulars.

- 56. Facts Concerning the History, Commerce, and Manufacture of Butter.
- 100. A Rapid Method for the Determination of Water in Butter.
- 126. A Simple Method of Keeping Creamery Records.
- 127. Tubercle Bacilli in Butter: Their Occurrence, Vitality, and Significance.
- 130. Paraffining Butter Tubs.

Farmers' Bulletins.

- 201. The Cream Separator on Western Farms.
- 241. Butter Making on the Farm.

MARKET MILK.

Bureau of Animal Industry Bulletins:

- *44. Infectiveness of Milk of Cows Which have Reacted to the Tuberculin Test. Price 10 cents.
- 46. The Milk Supply of Two Hundred Cities and Towns. Price 15 cents.
- 70. The Milk Supply of Twenty-nine Southern Cities. Price 5 cents.
- 73. The Bacteria of Pasteurized and Unpasteurized Milk Under Laboratory Conditions. Price 5 cents.
- 81. The Milk Supply of Boston, New York, and Philadelphia. Price 5 cents.

- *86. Experiments with Milk Artificially Infected with Tubercle Bacilli. Price 10 cents.
- *87. Market Milk Investigations. II. The Milk and Cream Exhibit at the National Dairy Show, 1906. Price 10 cents.
- 92. The Milking Machine as a Factor in Dairying. Price 15 cents.
- 104. Medical Milk Commissions and the Production of Certified Milk in the United States. Price 10 cents.

Bureau of Animal Industry Circulars.

- 1. Directions for the Pasteurization of Milk [for children].
- 103. Records of Dairy Cows: Their Value and Importance in Economic Milk Production.
- 111. Sanitary Relations of the Milk Supply. Report of the committee on sanitary relations to a conference appointed by the Commissioners of the District of Columbia to consider and report upon the local milk supply.
- 114. Sanitary Milk Production. Report of the milk conference appointed by the Commissioners of the District of Columbia.
- 117. A City Milk and Cream Contest as a Practical Method of Improving the Milk Supply.
- 139. The Score Card System of Dairy Inspection.
- 142. Some Important Factors in the Production of Sanitary Milk.
- 143. Milk and Its Products as Carriers of Tuberculosis Infection.

Reprints, Bureau of Animal Industry Annual Reports.

- Market Milk: A Plan for Its Improvement. (From Seventeenth Annual Report, 1900.)
- Effect of Certain Diseases and Conditions of Cattle Upon the Milk Supply. (From the Twenty-fourth Annual Report, 1907.)

Farmers' Bulletins, etc.

- 42. Facts About Milk.
- 63. Care of Milk on the Farm.
- 74. Milk as Food.
- 281. Experiment Station Work, XL. Some Milk Terms.
- 348. Bacteria in milk.
- Div. of Statistics Bul. 25. Milk Transportation. Price 5 cents.

CHEESE.

Bureau of Animal Industry Bulletins.

- 49. The Cold Curing of Cheese. Price 10 cents.
- 62. The Relation of Bacteria to the Flavors of Cheddar Cheese. Price 5 cents.
- 71. The Camembert Type of Soft Cheese in the United States. Price 5 cents.
- 82. Fungi in Cheese Ripening: Camembert and Roquefort. Price 5 cents.
- 83. The Cold Storage of Cheese. Experiments of 1903-4. Price 10 cents.
- 85. Investigations in the Manufacture and Curing of Cheese. VI. The Cold Curing of American Cheese, with a Digest of Previous Work on the Subject. Price 10 cents.
- 98. Investigations in the Manufacture and Curing of Cheese. VII. Directions for Making the Camembert Type of Cheese. Price 5 cents.
- 105. Varieties of Cheese: Descriptions and Analyses. Price 10 cents.
- 109. Proteolytic Changes in the Ripening of Camembert Cheese. Price 5 cents.

Bureau of Animal Industry Circular.

- 145. The Care and Testing of Camembert Cheese.

Farmers' Bulletins, etc.

166. Cheese Making on the Farm.

202. Experiment Station Work, XXVI. Manufacture of Sage Cheese. Manufacture of Cottage Cheese.

Office of Experiment Stations Bul. 166. Course in Cheese Making for Movable Schools of Agriculture. Price 10 cents.

DAIRY STATISTICS.*Bureau of Animal Industry Bulletins.*

55. Statistics of the Dairy. Compiled from the United States census of 1900 and from other reliable sources, with explanatory notes. Price 5 cents.

75. Records of Dairy Cows in the United States. Price 15 cents.

DAIRY LAWS AND REGULATIONS.*Bureau of Animal Industry Bulletin.*

*26. National and State Dairy Laws. [Laws to 1899.] Price 10 cents.

Circulars.

Bureau of Animal Industry Cir. 74. United States and State Standards for Dairy Products.

Office of the Secretary Cir. 19. Standards of Purity for Food Products.

Office of the Secretary Cir. 21. Rules and Regulations for the Enforcement of the Food and Drugs Act.

DAIRY EXPORTS.*Bureau of Animal Industry Bulletin.*

24. Notes Upon Dairying in California and the Export of California Butter to the Orient. Price 5 cents.

Reprints, Bureau of Animal Industry Annual Reports.

Experimental Exports of Butter in 1897. (From Fifteenth Annual Report, 1898.)

Experimental Exports of Dairy Products, 1898 and 1899. (From Sixteenth Annual Report, 1899.)

FEEDING.*Bureau of Animal Industry Bulletin.*

77. Cattle, Sheep, and Hog Feeding in Europe. Price 5 cents.

Bureau of Animal Industry Circulars.

75. Feeding Fat Into Milk; or The Effect of Food Upon the Quality and Quantity of Milk Produced.

76. Dairy Methods in Great Britain, Ireland, Denmark, Holland, Channel Islands, France, Austria-Hungary, Germany, and Switzerland.

Farmers' Bulletins.

22. Feeding Farm Animals.

32. Silos and Silage.

202. Experiment Station Work, XXVI. Protein for Dairy Cows. Cost of Raising Calves and Pigs.

267. Experiment Station Work, XXXVII. Effect of Silage on Milk.

309. Experiment Station Work, XLIII. Silage from Frosted Corn.

339. Alfalfa.

346. The Computation of Rations for Farm Animals by the Use of Energy Values.

BREEDING.*Bureau of Animal Industry Circular.*

48. Scales of Points for Judging Cattle of Dairy Breeds.

Farmers' Bulletins.

55. The Dairy Herd: Its Formation and Management.
 106. Breeds of Dairy Cattle.
 143. Conformation of Beef and Dairy Cattle.

CONSTRUCTION OF BUILDINGS.*Bureau of Animal Industry Circulars.*

131. Designs for Dairy Buildings.
 136. How to Build a Stave Silo.

Farmers' Bulletins.

32. Silos and Silage.
 235. Cement Mortar and Concrete: Preparation and Use for Farm Purposes.

DISEASES.**TUBERCULOSIS.***Bureau of Animal Industry Bulletins.*

38. Tuberculosis of the Food-Producing Animals. Price 40 cents.
 52. Experiments Concerning Tuberculosis, Under the Supervision of the Bio-chemic Division. Part II. The Comparative Virulence of Human and Bovine Tubercle Bacilli for Some Large Animals. Price 65 cents. Part III. Studies in Immunity from Tuberculosis, and The Persistence of Tubercle Bacilli in Tissues of Animals after Injection. Price 5 cents.
 *53. Reports on Bovine Tuberculosis and Public Health. Price 5 cents.
 93. The Relation of Tuberculous Lesions to the Mode of Infection. Price 5 cents.
 96. A Comparative Study of Tubercle Bacilli from Varied Sources. Price 40 cents.
 99. The Danger from Tubercle Bacilli in the Environment of Tuberculous Cattle. Price 5 cents.

Bureau of Animal Industry Circulars.

60. Certain Variations in the Morphology of Tubercle Bacilli of Bovine Origin.
 70. Tuberculosis of Cattle.
 79. The Tuberculin Test for Tuberculosis.
 118. The Unsuspected but Dangerously Tuberculous Cow.

Farmers' Bulletin.

351. The Tuberculin Test of Cattle for Tuberculosis.

TEXAS OR TICK FEVER.*Bureau of Animal Industry Bulletins.*

78. Texas Fever (otherwise known as Tick Fever, Splenic Fever, or Southern Cattle Fever), with Methods for Its Prevention. Price 10 cents.
 97. Proceedings of a Conference of Federal and State Representatives to Consider Plans for the Eradication of the Cattle Tick, held at Nashville, Tenn., December 5 and 6, 1906. Price 15 cents.

Bureau of Animal Industry Circulars.

69. Texas Fever, or Southern Cattle Fever.
 97. How to Get Rid of Cattle Ticks.
 110. Methods of Eradicating Cattle Ticks.

Farmers' Bulletins.

- 258. Texas or Tick Fever and Its Prevention.
- 261. The Cattle Tick and Its Relation to Southern Agriculture.

MISCELLANEOUS DISEASES.

Bureau of Animal Industry Circulars.

- 67. Abortion, or Slinking the Calf.
- 71. Anthrax in Cattle, Horses, and Men.
- 96. Actinomycosis, or Lumpy Jaw.

Farmers' Bulletin.

- 206. Milk Fever: Its Simple and Successful Treatment.

GENERAL.

Bureau of Animal Industry Bulletin.

- 68. Information Concerning the Milch Goats. Price 15 cents.

Bureau of Animal Industry Circular.

- 135. Officials, Associations, and Educational Institutions Connected with the Dairy Interests (1908).

Reprint, Bureau of Animal Industry Annual Report.

- 197. The Dairy Industry and Dairy Markets in Porto Rico, with Notes on St. Thomas and Cuba. (From Eighteenth Annual Report, 1901.)

Reprints, Yearbook of U. S. Department of Agriculture.

- 97. Utilization of By-products of the Dairy. (Yearbook, 1897.)
- 260. Dairying at Home and Abroad. (Yearbook, 1902.)
- 390. Renovated Butter: Its Origin and History. (Yearbook, 1905.)
- 428. Distribution of Tuberculin and Mallein by the Bureau of Animal Industry. (Yearbook, 1906.)
- 432. Opportunities for Dairying. (Yearbook, 1906.)

Farmers' Bulletins.

- 131. Household Tests for the Detection of Oleomargarine and Renovated Butter.
- 151. Dairying in the South.
- 242. An Example of Model Farming.
- 280. A Profitable Tenant Dairy Farm.
- 292. Cost of Filling Silos.
- 337. Cropping Systems for New England Dairy Farms.
- 345. Some Common Disinfectants.
- 349. The Dairy Industry in the South.
- 350. The Dehorning of Cattle.

Miscellaneous.

- Bureau of Plant Industry Bul. 102, part 2. A Successful Dairy Farm. Price 5 cents.
- B. A. I. Order No. 147. Regulations Prescribed in Regard to Renovated Butter in Accordance with the Act of Congress Approved May 9, 1902.

